

Maryland Historical Trust

Maryland Inventory of Historic Properties number:

SM-519

Name:

MD Sover Church Creek.

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u>X</u>	Eligibility Not Recommended _____
Criteria: <u>A</u> <u>B</u> <u>X</u> <u>C</u> <u>D</u> Considerations: <u>A</u> <u>B</u> <u>C</u> <u>D</u> <u>E</u> <u>F</u> <u>G</u> <u>None</u>	
Comments: _____	
Reviewer, OPS: <u>Anne E. Bruder</u> Date: <u>3 April 2001</u>	
Reviewer, NR Program: <u>Peter E. Kurtze</u> Date: <u>3 April 2001</u>	

*Handwritten signature*

✓

Maryland Inventory of Historic Properties  
Historic Bridge Inventory  
Maryland State Highway Administration  
Maryland Historical Trust

MHT Number SM-519

Name and SHA No. 18010 over Church Creek

**Location:**

Street/Road Name and Number: MD 5 over Church Creek

City/Town: Church Cove Vicinity X

County: St. Mary's

Ownership: X State \_\_\_ County \_\_\_ Municipal \_\_\_ Other

This bridge projects over: \_\_\_ Road \_\_\_ Railway X Water \_\_\_ Land

Is the bridge located within a designated district: \_\_\_ yes X no

\_\_\_ NR listed district \_\_\_ NR determined eligible district

\_\_\_ locally designated \_\_\_ other

Name of District \_\_\_\_\_

**Bridge Type:**

\_\_\_ Timber Bridge

\_\_\_ Beam Bridge \_\_\_ Truss-Covered \_\_\_ Trestle

\_\_\_ Timber-and-Concrete

\_\_\_ Stone Arch

\_\_\_ Metal Truss

\_\_\_ Movable Bridge

\_\_\_ Swing

\_\_\_ Bascule Single Leaf \_\_\_ Bascule Multiple Leaf

\_\_\_ Vertical Lift \_\_\_ Retractable \_\_\_ Pontoon

X Metal Girder

X Rolled Girder \_\_\_ Rolled Girder Concrete Encased

\_\_\_ Plate Girder \_\_\_ Plate Girder Concrete Encased

\_\_\_ Metal Suspension

\_\_\_ Metal Arch

☐ Metal Cantilever

☐ Concrete

☐ Concrete Arch ☐ Concrete Slab ☐ Concrete Beam

☐ Rigid Frame

☐ Other Type Name \_\_\_\_\_

**Description:**

**Describe Setting:**

Bridge No. 18010 carries MD 5 north-south over Church Creek in St. Mary's County, Maryland. The north approach is curved and descends to the bridge. The south approach is straight and descends to the bridge. The approaches and areas to the east and west of the bridge are heavily wooded. Overhead lines are visible on both sides of the bridge.

**Describe Superstructure and Substructure:**

The structure is a steel beam bridge 23' in length with a clear roadway width of 30'. The substructure consists of two concrete abutments and wingwalls. The bridge deck is reinforced concrete with a bituminous wearing surface overlay.

In May 1983, deterioration of the bridge included misalignment of the wingwalls at the construction joints. The top northeast wingwall exhibited spalling, and the beams were rusting throughout.

**Discuss Major Alterations:**

In 1985 the handrail was removed and a guardrail was installed. There are no other records of modifications to this bridge.

**History:**

**When Built:** 1936

**Why Built:** Local transportation needs

**Who Built:** Unknown

**Why Altered:** Not Applicable

**Was this bridge built as part of an organized bridge building campaign:** Yes

**Surveyor Analysis:**

**This bridge may have NR significance for association with:**

☐ A Events ☐ Person

☒ C Engineering/Architectural

**Was this bridge constructed in response to significant events in Maryland or local history:**

No, this bridge was not constructed in response to significant events in Maryland or local history.

**When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?**

No, the construction and/or alteration of this bridge has had no significant impact on the growth and development of the area.

**Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from historic and visual character of the possible district?**

No, this bridge is not located in an area which may be eligible for historic designation.

**Is the bridge a significant example of its type?**

This bridge may be a significant example of its type.

**Does the bridge retain integrity of the important elements described in the Context Addendum?**

Yes, this bridge appear to retain the integrity of its primary character defining elements.

**Should this bridge be given further study before significance analysis is made and Why?**

No further study of this bridge is warranted. This bridge appears to retain its integrity as defined by the Context Addendum. This bridge may be eligible for inclusion on the National Register of Historic Places.

**Bibliography:**

Greiner, Inc.

1995 Maryland Inventory of Historic Bridges.

Spero, P.A.C. & Company, and Louis Berger & Associates

1994 Historic Bridges in Maryland: Historic Bridge Context.

State Highway Administration

v.d. Bridge Inspection files.

United States Geological Survey

1987 7.5' St. Mary's City Quadrangle.

United States Geological Survey

1912 15' Point Lookout Quadrangle.

**Surveyor:**

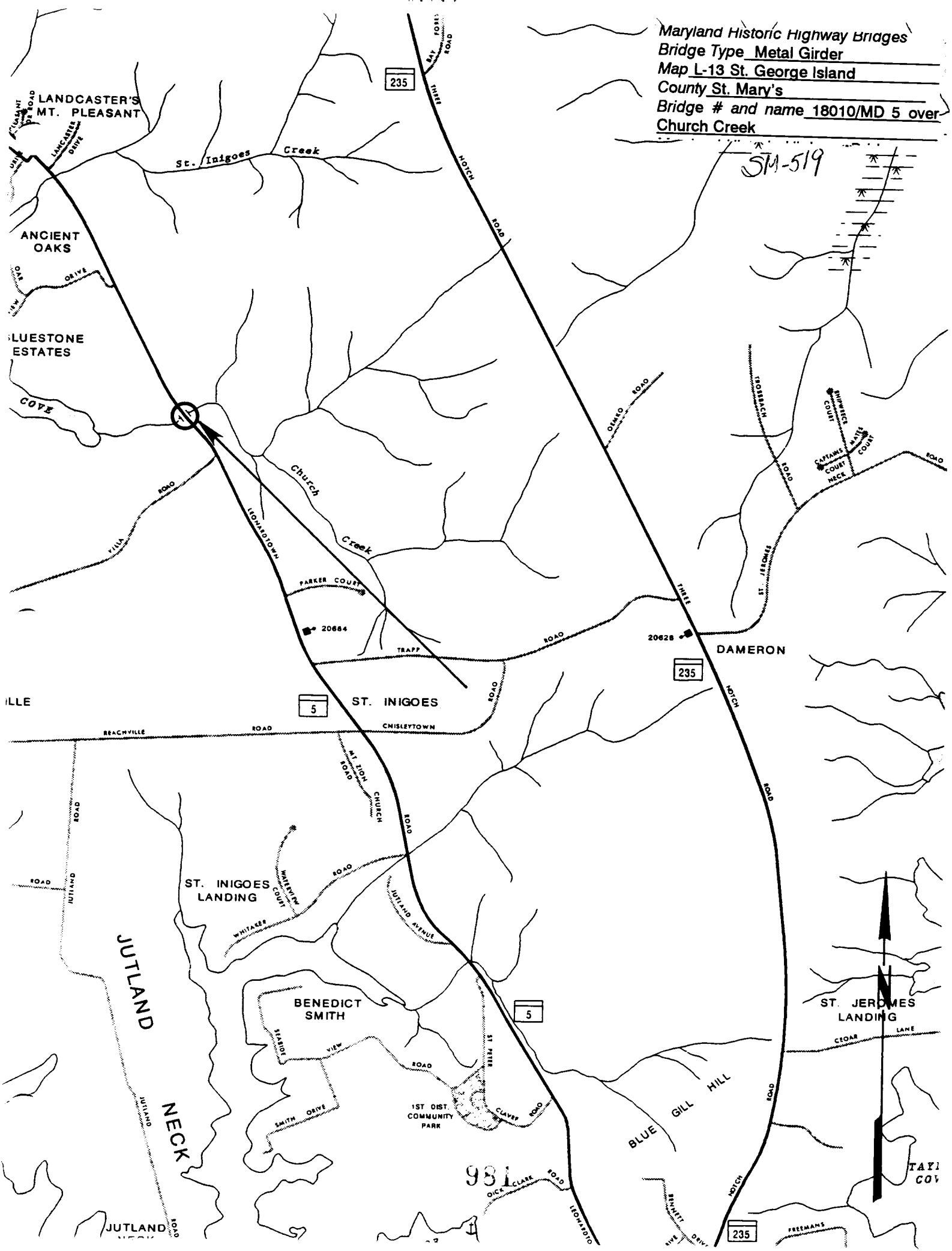
**Name:** Jason D. Moser **Date:** September 1995

**Organization:** State Highway Admin. **Telephone:** (410) 321-2213

**Address:** 2323 West Joppa Road Brooklandville, MD 21022

Maryland Historic Highway Bridges  
Bridge Type Metal Girder  
Map L-13 St. George Island  
County St. Mary's  
Bridge # and name 18010/MD 5 over  
Church Creek

SM-519





SM-519

1 OF 4

ST MARYS COUNTY

D. BHAUMIK

2-1-95

MARYLAND SHPO SH

MD 5 OVER CHURCH CREEK

LOOKING NORTH ON MD 5

(BRIDGE 18010)





SM-519

ST MARYS COUNTY

D. BHADURI

2-1-95

MARYLAND SHPO

MD 5 OVER CHURCH CREEK

LOOKING WEST (UPSTREAM FACE)

(BRIDGE 18010)



3 OF 4

SM-519

ST MARY'S COUNTY

D. BHADUMIK

2-1-95

MARYLAND SHPD <sup>S-4</sup>

MD 5 OVER CHURCH CREEK

LOOKING SOUTH ON MD 5

(BRIDGE 18010)



SN-519

4 OF 4

ST MARYS COUNTY

D. BLAUMIK

2-1-95

MARYLAND SHPO SHA

MD 5 OVER CHURCH CREEK

LOOKING EAST (DOWNSTREAM  
FACE)

(BRIDGE 13010)